

AMENDMENTS TO THE CLAIMS

This listing of claims supersedes all prior versions and listings of claims in this application:

LISTING OF CLAIMS:

1. (Currently Amended) A process for coating a belt cord with rubber, comprising:
aligning a plurality of belt cords each made of a steel filament so as to contact with each other as a cord unit;
arranging a plurality of such cord units in parallel to each other at a predetermined pitch in the same plane by passing the cord units through an inserter, wherein the inserter is fixedly secured within an insulator head; and
integrally coating all cords with an uncured rubber at a given outer profile shape by passing the cord units through an insulation system, which includes the insulator head, in an axial direction of the cords immediately after the cord units are arranged in line by the inserter,
wherein at a time immediately after the cord units pass through oval-shaped holes formed in the inserter for arranging the cord units at said predetermined pitch, the cord units are coated around their peripheries and integrally united with the uncured rubber.

2. (Original) A process according to claim 1, wherein a filament diameter of the belt cord is within a range of 0.18-0.35 mm.

3. (Original) A process according to claim 1, wherein a gauge of the uncured coating rubber including the belt cord is within a range of 0.5-1.2 mm.

4. (Withdrawn) An apparatus for coating belt cords with rubber comprising an insulator head arranged on a top of a cylinder provided with a screw in an extruder for an uncured rubber, an inserter arranged in the insulator head for guiding plural belt cords so as to pass them at a required relative posture, and a die for coating the belt cords after the pass through the inserter with an uncured rubber supplied from the cylinder at a required outer profile shape.

5. (Withdrawn) An apparatus according to claim 4, wherein a pressure sensor for the uncured rubber is arranged in the insulator head.

6. (Withdrawn) An apparatus according to claim 4, wherein the inserter is provided with plural holes each passing a plurality of belt cords as a cord unit and specifying the relative posture of these cords every the cord unit.